SALT LAKE COMMUNITY COLLEGE
TRANSPORTATION EDUCATION PROGRAM
MATH 0052 - ALGEBRA
2007-2008

INSTRUCTOR: **C. Soderstrom**
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WEB PAGE: **All handouts will be posted on my webpage which can be found by navigating in the following way –**

- **http://www.slcc.edu/math/**
- **on the left, click on faculty**
- **on the right, click on Cindy Soderstrom**
- **in the middle, click the link to my website**

- **It can also be found by clicking on the following:**
- **http://rwdacad01.slcc.edu/academics/dept/math/csoderstrom/**
- **below the picture click on your class**

CONSULTATION: **by email**

TEXT: *Mathematics for Technical and Vocational Students, tenth edition*
John G. Boyce, Louis Margolis, Samuel Slade

INTRODUCTION: Welcome to Introductory Algebra. Please read this syllabus carefully. I feel that it will answer most of the questions you may have about how Math 0052 fits in with your goals as a student in the Transportation Education Program for UDOT at Salt Lake Community College.

MATERIALS: Use of an HP calculator is required in this course. You will be assigned homework problems, which require the use of an HP calculator.

PREREQUISITES: Within the last year, you must have completed the Math 0051with a grade of C or better, or have passed the entrance exam and been placed within this course.

COURSE DESCRIPTION: This class in an introductory course to algebra. Focus areas include percentage, ratio and proportion, practical algebra, rectangles and triangles, basic graphs.

ATTENDANCE: Class attendance is **strongly** advised, though not mandatory. Emphasis will be placed on student work outside of class and clarification of problem areas in class. For most students regular attendance will be essential to achieve satisfactory results. If you must

miss a class lecture, it is suggested that you get the notes from another student in your class.

CLASS SCHEDULE AND HOMEWORK: Attached are a schedule and a list of exercises for home study. This schedule will be followed as closely as possible. However, **some modifications may be necessary during the semester**. The exercises are considered the minimum required for a sufficient understanding of the material. Students are encouraged to work more exercises than those assigned. Labels will be made available to you to fill out and attach to each page of your homework assignments. **Homework and quizzes will be turned in to your trainer who will then mail each week to me. The address is at the top of the syllabus.** It will constitute a portion of your final grade. Homework problems are similar to the problems, which will appear on the final exam. **Regular practice is essential for success in mathematics. You should be prepared to spend at least two hours studying outside of class for each hour of class time.**

QUIZZES: Quizzes will be given the first five minutes of each class with the exception of the first week.

FINAL EXAM: Testing will be closed book. Students attaining a score of less than 50% on the final exam shall receive a grade no higher than D for the course. Full credit will be awarded on the test problems only if your work can be readily followed and solutions are precise and clearly indicated. You may use your calculator on the final exam.

PERMANENT FOLDER: To minimize the possibility of computer or human error all graded homework, bonus quizzes, and exams should be kept in a folder until you have received your final grade for the course.

CHEATING POLICY: *Students found cheating on an exam will be given a zero for the first offense. If it happens again, the student will receive an **E** for the entire course.* **There will be no tolerance for cheating.**

GRADING: Grading will be as follows:

A	93% and above
A-	90% - 92%
B+	87% - 89%
B	83% - 86%
B-	80% - 82%
C+	77% - 79%
C	73% - 76%
C-	70% - 72%
D+	67% - 69%
D	63% - 66%
D-	60% - 62%
E	59% and below

ACCOMMODATIONS: Students with disabilities needing accommodations such as: special test arrangements, note taking, taped textbooks, tutoring, or special equipment should contact their instructor and/or the Disability Resource Center (Redwood College Center, Room 008 or South City Campus, Room W138), telephone: 957-4659 (voice), 957-4646 (TTY), or 957-4947 (FAX).

In conclusion, the study of algebra can be a fun, but challenging course. It is my hope that by attending this course the students will obtain a foundation of algebra needed to help their

future studies become a more enjoyable experience. It has become clear to me that if a student is struggling to master the material presented in any math course; the student becomes easily frustrated and quickly discouraged with their learning experience. The methods for successful studying are simple: read the text, participate in class, and keep up with the homework. The reward is not only that you will increase your understanding of mathematics and its role in our global society, but also that you will develop a new clarity of thinking – an ability to grasp concepts that formerly just seemed too difficult – which will serve you well in all aspects of your life.